

## LICENSEE EVENT REPORT

CONTROL BLOCK: 

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 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	C	B	R	P	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	9							14	15	25										26	30					57	CAT	58
LICENSER CODE		LICENSE NUMBER																LICENSE TYPE											

CON'T

REPORT SOURCE: 0 1 2 R

DOCKET NUMBER: 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DATE: 1 1 0 1 7 8 8

REPORT DATE: 1 1 1 4 7 8 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

ONRR in Washington informed Plant Management on November 1, 1978, of an apparent nonconformance with 10CFR50, Appendix A, General Design Criteria 54 & 56. This matter concerns the two reactor building-to-torus vacuum breaker lines and their ability to provide primary containment isolation. ONRR stated that they had never properly reviewed the vacuum breaker line design and; therefore, the two lines were considered by them to be a condition not specifically considered in the safety analysis report and therefore constitute a prompt notification with a written (cont.)

SYSTEM CODE 5 D 11		CAUSE CODE B 12		CAUSE SUBCODE A 13		COMPONENT CODE Z Z Z Z Z 14		COMP SUBCODE Z 15		VALVE SUBCODE Z 16	
EVENT YEAR 7 8		SEQUENTIAL REPORT NO. 0 8 2		OCCURRENCE CODE 0 1		REPORT TYPE T		REVISION NO. 0			
ACTION TAKEN X 18		FUTURE ACTION F 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 22		ATTACHMENT SUBMITTED Y 23	
NPRD-4 FORM SUB N 24		PRIME COMP. SUPPLIER Z 25		COMPONENT MANUFACTURER Z 9 9 9 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 A technical specification change, effective November 8, 1978, was approved as an  
11 interim corrective action. A system modification is being developed to alleviate this  
12 apparent nonconformance. Completion of the modification, assuming timely equipment  
13 availability, should be in January, 1979.

1 4 7 8 9  
FACILITY STATUS 30  
% POWER 1 0 0 29  
OTHER STATUS 30  
METHOD OF DISCOVERY 31  
DISCOVERY DESCRIPTION 32  
1 5 8 9  
E 28  
1 0 0 29  
NA  
D 31  
Notification from the NRC.  
7 8 9  
ACTIVITY CONTENT  
RELEASED OF RELEASE 33  
AMOUNT OF ACTIVITY 35  
1 6 7 8 9  
2 33  
1 2 34  
NA  
LOCATION OF RELEASE 36  
NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37) Z (38) NA	(39)			

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
1 8 0 0 0 40	NA

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	

PUBLICITY

ISSUED DESCRIPTION (45)

2 0 N (44) NA

7 8 9 10 68 69 80

NRC USE ONLY

NAME OF PREPARER

PHONE 919-457-6701

LER CONTINUATION--1-78-82

Facility: BSEP Unit #1

Event Date: 11/1/78

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (cont.)

followup. (Technical Specification 6.9.1.8)

LER SUPPLEMENT  
INFORMATION

LER NUMBER 1-78-82

EVENT DATE 11/1/78

The present reactor building-to-torus vacuum breaker arrangement consists of a 20-inch singer check valve in series with a normally open manual butterfly valve. Apparently, this does not completely satisfy the general design criteria.

A technical specification change was approved November 8, 1978. It requires the manual butterfly valves be closed unless a drywell pressure of -0.5 PSIG exists, the manual valves will be opened before containment or torus spray systems are operated, and an increased surveillance program will be performed during periods of low drywell pressure.

A modification is being developed to alter the existing system. A valve which will be normally closed and then open automatically on a drywell vacuum signal is the proposed system modification. (The description and corrective actions above pertain to both Unit No. 1 and Unit No. 2).